

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FR2005/050054

|                                     |           |           |          |           |
|-------------------------------------|-----------|-----------|----------|-----------|
| A. CLASSIFICATION OF SUBJECT MATTER |           |           |          |           |
| IPC 7                               | C07B61/00 | B01J19/00 | G01D9/00 | G06F17/40 |

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07B B01J G01D G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No.                    |
|----------|---|--|
| X        | GB 2 327 754 A (JOHNSON MATTHEY PLC)<br>3 February 1999 (1999-02-03)<br><br>example   | 2,4,5,<br>7-14,<br>16-21,<br>24-27       |
| X        | US 2002/182735 A1 (KIBBY CHARLES L ET AL)<br>5 December 2002 (2002-12-05)<br>paragraphs '0017! - '0021!<br>paragraphs '0080! - '0100!<br>claims | 2,4-14,<br>16-27                         |
| X        | US 2002/141900 A1 (HAUSHALTER ROBERT C ET AL)<br>3 October 2002 (2002-10-03)<br><br>example 3; tables 2,3                                       | 2,4,5,<br>7-11,14,<br>16-18,<br>21,24-27 |
|          |   | -/-                                      |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

22 June 2005

Date of mailing of the international search report

01/07/2005

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT |  |                       |
|--|--|-----------------------|
| Category   | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
| X  | KUO P Y ET AL: "A planning module for performing grid search, factorial design, and related combinatorial studies on an automated chemistry workstation"<br>CHEMOMETRICS AND INTELLIGEMT LABORATORY SYSTEMS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL,<br>vol. 48, no. 2,<br>2 August 1999 (1999-08-02), pages 219-234,<br>XP004171922<br>ISSN: 0169-7439<br>*scénarios 1 et 4*<br>_____ | 10,11,<br>21,25-27    |

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/FR2005/050054

| Patent document cited in search report |    | Publication date | Patent family member(s)  |   | Publication date   |
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| GB 2327754                             | A  | 03-02-1999       | NONE   |   |  |
| US 2002182735                          | A1 | 05-12-2002       | AU<br>WO   | 8307601 A<br>0214854 A1   | 25-02-2002<br>21-02-2002   |
| US 2002141900                          | A1 | 03-10-2002       | US<br>US<br>AT<br>AU<br>CA<br>DE<br>DE<br>DE<br>EP<br>EP<br>ES<br>JP<br>JP<br>WO<br>US<br>US | 6869799 B1<br>6149882 A<br>219968 T<br>4228999 A<br>2297725 A1<br>69901996 D1<br>69901996 T2<br>1001846 T1<br>1245281 A2<br>1001846 A1<br>2178442 T3<br>3377988 B2<br>2002517735 T<br>9964160 A1<br>6395552 B1<br>2001051110 A1 | 22-03-2005<br>21-11-2000<br>15-07-2002<br>30-12-1999<br>16-12-1999<br>08-08-2002<br>31-10-2002<br>14-09-2000<br>02-10-2002<br>24-05-2000<br>16-12-2002<br>17-02-2003<br>18-06-2002<br>16-12-1999<br>28-05-2002<br>13-12-2001 |